

PER TERRESTRIAL is the suggested my of the intest thing in flying muines. It will be an "nerial submakind of a thing. This sounds like Itleh bull, but it results suggests thing itself-an enclosed muchine ich will protect both the muchine d the fiver from the air.

High-flying has lately proved so in-Bercelong that it fuscionies both the aventor and the scientist. "The Boot of the World" is evidentily a most astounding place. And as it is a dangetting thing to try to reach it, it is just the place that the daring want to try to reach. A scientist Worth his soil is a mon with an implifutionand that imagination is large these hays with con-

diriins super presentati. What little we also of these upper heights know of hence to be stirle blomby, it's miles bline the south of each a territo speed that could they be utilized in amelianthic man new men they be stored in an element or men men men rough never the global processed topological soller up Left Alexander are Discussion of a senin fermion of a sening sening fermion fermion of the sening fermions of a sening fermion of the sening fermions of the sening f Which is not been some interested by more So It is spain women that planes are made for partially constrained physicals designed to most San I Laggetted is a fiveton accomposited fact, but it some the bit well on the way. Madic Scheme der having represent from the effects of his recase management flight, is said to be interested in the construction of such a familie, in which he hopes he mentil the minimizent Scientifical te is further reported that Louis Bregnet, a French neroboutical engineer, his unbounced that an engene has been perfected equitie of assenting 100. Occurrent, or nearly minuteen miles, and that flight to that allitude is immediately in prospect. The musin feature of the new type of aircraft will be

"The 'Super Terrestrial' would seem to me to be the answer," said August Post, secretary of the Aero Club of America, giving the proposed carrier the name he bimself had coined, as quoted in the New York Tribune by Arnold D. Prince.

an enclosed fuselage or cable to protect the avi-

ntor and the muchinery itself.

'Won what man already has experienced in his attempts to pierce the heights he has learned that some form of protection not yet devised is necessary. Something designed along the lines of the submarine would seem to be what is needed.

"The inclosed cabin for the aviator suggests itself as the most sensible scheme. Sitting in this air-right compartment, he would be within easy reach of the tevers controlling the mechanism and regulating the supply of oxygen needed by himself as well as by the super chargers by which air at sea level pressure is now fed to the carburetors

in altitude flights.
"He would not only be safeguarded against the physical hardships which have beaten bim back heretofore, but, with adjustable propellers capable of increasing their purchase on the rarefled atmospheres, he could push his way into levels now beyond his reach."

eyond his reach."
What is it like up there among the stars, or even a little lower down?

Some things we know strendy.

We know, for example, that some distance aboves the earth's "atmospheric envelope," but below that stratum of "inflammable air" which science has discovered, are trade winds which blow from west to east with unfailing regularity; and we know, too, and this is even more reassuring, that at that level it is far less told than had long been supposed.

For some of this knowledge we are indebted to scientists like M. de Bort, discoverer of what is called "inversion of temperature," and for the rest to our own courageous aviators, and to bal-

localists like Henry Ginisher and his assistant, James Coxwell, both Britons, who in September, 1862, rose to an altitude calculated by them as about seven miles, which was higher than that attribed by Major Schroeder, the American fiver, in his recent sensational "jump" at Isigton, O.

Glaisher's experience was especially valuable from the standpoint of the person who wants to know "what it is like up there" because the aspirater quit working at an altitude of five miles.

Writing for the British Association for Balloon. Experiments as to what happened after reaching the five mile level for said:

"Up to this time I had taken observations with confort, and experienced no difficulty whatever

"Then forming discharged and we rose still I begin to find difficulty in seeing could not see the occurrent of moreousy in the way

Shortly other I had bee ago on the toble year accord of its fit I start for its being decision of to thing the ather arise. I faint to be compared that I tried to some it is not said subsected. In it has need

interior diffs on extreme not so that the open nervo lost 1 over sufferire box. I was still opposed solute with as united to be in as at the present noticed, while writing this I thought I had been secred with reply an and believed I should as pertense perturing more, as that he would come up less he specific descended, other thoughts were entering my mind when I suddenly means arresp-

"I cannot tell anything of the server of bearing us no would reaches the air to brong the perfect silence of the regions between six and soven miles. above the earth.

The bultoon finally leden to descend after Coxwell, who retained consciousness even longer than his videf, had managed to pull the valve rope with his teethe

Both men regulated consciousness after the balloon had descended several thousand feet, and they managed to make a safe landing.

Two facts having a direct bearing on the question as to atmospheric conditions above the earth were established by them. One is that sounds like that made by passing railroad trains can still be heard at a height of about four miles, but that nt six miles there is perfect silence,

The other is that up to a certain point, scientifically referred to us the level where "inversion of atmosphere" occurs, the full of the mercury averages about one degree Fahrenheit to every 300

In April, 1875, M. Gaston Tissandler and two companions confirmed these findings when they rose from Paris in a balloon to a height of nearly six miles, but in this case the expedition was marred by the fact that both companions of M. Tissandier, having less staming than he or the British neronauts, died before the gas bag returned to the ground.

If further corroboration is desired as to conditions as they exist on the "first lap" of the serial journey into the void they can be had from the experiences of the aviators who, since the advent of nirplanes, have tried to reach the "lid of the world's atmosphere."

Two of the most prominent of these, at least among the American aviators, have been Major Schröeder and Roland Rohlfs, who have engaged in a unique contest for highest records above the clouds.

Major Schroeder in his flight a few weeks ago attained an altitude of 36,020 feet, at which height his thermometer registered 55 degrees below zero centigrade, or 67 degrees below zero Fahrenheit. So, in his case, as well as in that of Rohlfs when he reached 30,300 feet in July last, and that of Adjutant Casale, of the French army, who rose 38,-

387 feet several months ago, the average of a full of the degree in temperature to every 200 feet of stillade was fairly well maintained.

Moreover, in all these flights, when the men but passed above the fear ture level and had risen buck more the best back and was given if you have never died before. make our "sky." they entered the stratum in which absolute allegice reigned and in which vision was reportkubly clarified

The firmament above became almost black, due to the absence of light refraction; the stars were rasily visitife, even in brightest day, and the cold WES fort live and intense.

Bit in each anstance restain phenomena were descreed which brings up the next question of itspertitive to the inquirer as to conditions map there" and this is the subject of "haversing of

marginly classed were surrule, and that an health theremed there has always a cor-

test that exactly the expecte events and from the court of Habitat Arrandit

Sounding believes with will treat-line matter ments have been sent up to a illetance of seven from miles and have bearingly endermed these

So than the stunded presented to these who belong it him fills it had their the are planning the Super Personnal and arranging 4width for arrang drink personnel 1 to knowle that, on his greatest acts admin in the air

satisfied truders of to straters the conditions as they exist up to six or seven miles. It is there that nature plays the parts with which we are most familiar. There thursters roll, lightning flashes, clouds gather and elements clash in never ending strife. It is from there that we get such wintry storms as recently experienced, and where enough for Itil), shy the humble drama of rain, snow, sleet and weather unfolds Itself.

They know, too, that "nimesphere," as we know is, although in constantly thinning quality, extends above the "weather strip" to a beight of about twenty to thirty miles, but beyond that, what?

the Super Terrestrial will encounter its greatest obstacles-provided, of course, that long before that bourn is reached the presumptuous craft has not been destroyed.

Here new dangers will appear in the shape of drifting "ice clouds," which for imaginative purposes may be likened to icebergs; the vold will assume a totally allen aspect; meteors and shooting stars will occasionally flash across the path, and the traveler will enter the boundary of "inflammable air," or pure hydrogen.

Passing through this always supposing of course, that it is not snuffed out long before like a peanut shell under the foot of an elephantthe Super Terrestrial will emerge into the stratum of bellum which on earth is created from radium and encountered in practical quantities only in test tulies.

Then but perhaps this is enough for the moment. Even the most voraclous seeker of knowledge as to "what things are like up there" will have been satisfied long ere this, and the first voyage of the Super Terrestrial need not be charted

"Provision would, of course, have to be made for changed conditions," Mr. Post concluded, in touching on the mechanical necessities of the undertaking. "Of course, with the thinning of the atmosphere the Super Terrestrial would encounter less air resistance, and provided the propellers were adjusted to increase purchase, tremendous speed would be attained.

"The propellers would revolve much faster and the craft would shoot ahead like a meteor, "And it-that is, the Super Terrestrial, if you sire to call it that—is the next thing on the Bes Otters.

Prohibition of the killing of sea otters in Alaskan waters has been extended by the accretary of commerce to November 1, 1925. It is hoped that in the meantime this valuable furbearing species, which was pursued almost to extermination, will gain somewhat in numbers.

The fur of the sen ofter is the most beautiful and most costly of all peltries. Long before the discovery of an America the mighty tycoens of Japan could do no more for me, that I had bet America the mights sycoms of Japan clothed themselves with its shimmer large to Leaver, as a consider live in line velvet. Early explorers found the natives of the Aleutian islands and the Puget sound region commonly wearing sea offer cloaks, which they parted with for a triffe.

America the mights sycoms of Japan consideration of the leaves at the part of the par parted with for a trifle.

If You Need a Medicine You Should Have the Best

You Should have the Best

Miss Employen is a pleasant, nutritive you ever stopped to reason why it is that so many products that are extensively advertised, all at once drop out of sight and are soon forgotten? The reason is plant—the article did not fulfill the promises of the manufacturer. This applies more particularly to a medicine. A medicinal preparation that has read currieve value almost sells itself, as like an endless chain system the remedy is recommended by those who have been excited, to those who are in revel of it. A promittent druggest sure Take for example Dr. Schwerz Swamp-Boot, a preparation I have sold for many seems and never healthy to recommend for in almost every case it shows varietied on a proparation. I have sold for many seems and never healthe to recommend for in almost every case it shows varieties on a proparation of the second of the many seems and never healthe to recommend for in almost every case it shows varieties as well as a many of the second properties and the second properties and the preparation of the second properties and the preparation of the second properties and the properties and the second properties and the properties and the second properties are used to properties and the second properties are second properties and the second properties are used to properties and the second properties are second properties. The second properties are second properties and the second properties are second properties and the second properties and the second properties are second properties and the second properties are second properties. The second properties are second

used the preparation, the success of Dr. Kumer's Swamp Host is for to the fact, to many people claim. That it faithle al. Now "In the clinic girls that distributed except with in recogning knows, are all right? How They make her liver and hielder eliments corrects with for the girls who shows her all left." mary troubles and neutralism the urns acid which causes the majori-

You hav receive a sample bottle of Swamp-Root by Panels Dust Address De Kilcier & Co. Boghandon N. V. and exclose ten cents also mention this paper. Large and median was bottle for sale at all living stores. Also

The Will that Europ first distribute. from Phoblic and North and South Carolina news morning up to the friend lime frenches. An expriser from another drawn shoot by the readedtrying to figure our the integrals on their left shoulder. I make to stand the suspense any longer he railed. "Her pintle, while that thing on

preservable back, "and ov'te promite" wont and these without word goods. for Jerrice the ght "

again second about his me insignia-There is with rath the community

pures " "The House Sector

Catarrhal Deafness Cannot Be Cured and that is by a constitutional remeds HALL S FATARILIS MITTOURNESS were brought by Hall Sand worth Massack Saffaces of the System Cataring Leafness to show he as inflated ministron of the Factor's living of the Missachian Tube

Bill's Capacity.

Joh for via in return for what here he drunk while he was at mora? "I see said the would constit 'Ordinary union rate wasn't good-

Shave With Cuticura Scap And double your razor efficiency as well as promote skin purity, skin comfort and skin health. No mug. no slimy seap no germs, no waste, no Irritation even when shaved twice daily. One soap for all uses shaving,

Electricity in Next War.

bathing and shampooing.-Adv.

That the use of high explosives in modern warfare has about reached the end of its development, is the opinion of a French inventor of one powerful compound of that nature

Neither can poisonous gases, it is indicated, be made much more dangerous than were those contrived in the world war. Flying mechanisms of various types promise much greater menace, and it is probable that any new developments in scientific warfare visible in the next international disagreement will be electrical in their nature.-Popular Mechanics Magazine.

A husband is sometimes landed by a maiden effort—and sometimes by the effort of the maiden's mother.

COUGHED FOR 2 YEARS ORDERED TO DENVER

Doctor said she couldn't get well in Illineis, but she did.

"I had a very bad cough for two years all the time, day and night Could sleep but little. I tried everything but got no relief. Finally my doctor said to St. Chiesburg, Dit

Build up your system and give H a chance to fight of disease. Miles kingle our costs nothing to try and it has done the work for thousands of others. Milks Empleion to a pleasant, nutri-

"Diamond Dyes" Tell You How

A Child-can Follow Directions and get Perfect Results.

centains directions so sluple that any woman can diamend dye a new, eich, Indetent color into more chables gur-Beers, despectes, interings, whether

Buy Thomas I five - mosther kind A few days inter the same promiting other perfect results are guaranteed Droggist has come vand-Adv.

She Came Through Clean.

Smoketwo And Your daughter, Mrs. Simks the one that was good for marking here is also ! Well, I

Mrs. Bunks Splendid, Shank Son. sir Last we built from her the was



HAROLD SOMERS, 100 De Kaib Ave., Brooklyn, N. J. Welcome Relief From the

Tortures of Rheumatism Can Come Only From the cause it is one of the most thor-proper Treatment. Proper Treatment.

Many forms of rheumatism are cleanses the blood of impurities, caused by millions of tiny germs and acts as an antidote to the germ that infest the blood, and until the of rheumatism. blood is absolutely freed of these S. S. S. is

germs, there is no real relief in sight.

The most astisfactory remedy for rheumatism is 2. 3. 5. 5. 18 soid by druggers everywhere. For valuable literature and advice address Chief Medical Adviser, 107 Swift Laboratory, for rheumatism is 2. 5. 5. 5. S. S. S. is sold by druggists